

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/055857 A1

(51) International Patent Classification⁷:

A61C 8/00

(74) Agent: OLSSON, Gunnar; Nobel Biocare AB (publ),
Box 5190, S-402 26 Göteborg (SE).

(21) International Application Number:

PCT/SE2004/001552

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date: 22 October 2004 (22.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0303308-1 10 December 2003 (10.12.2003) SE

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

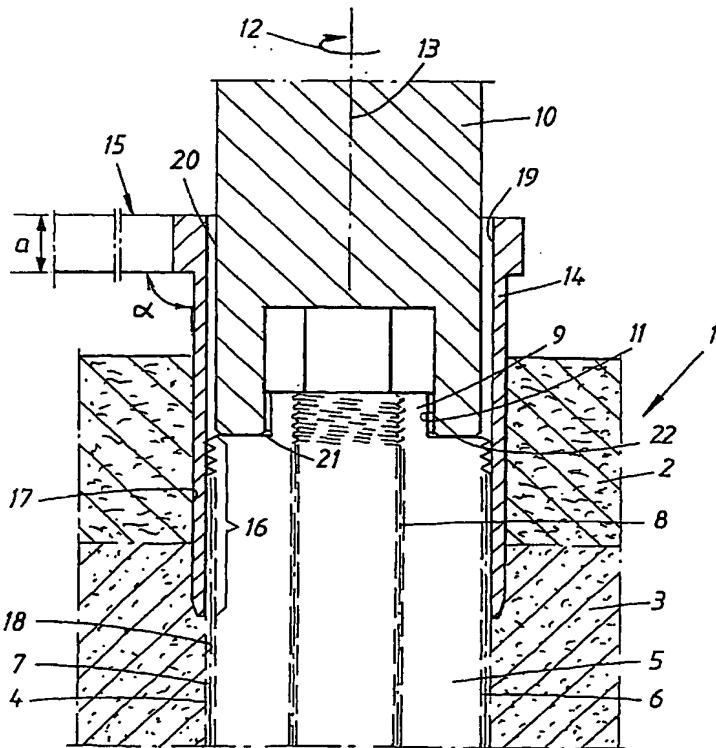
(71) Applicant (for all designated States except US): NOBEL
BIOCARE AB (publ) [SE/SE]; Box 5190, S-402 26 Göte-
borg (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BRAJNOVIC, Izidor
[SE/SE]; Smörsłottsgatan 4, S-416 77 Göteborg (SE).

[Continued on next page]

(54) Title: ARRANGEMENT AND SYSTEM FOR ANCHORING OF AN IMPLANT AND INSTALLATION ON THE IM-
PLANT OR IMPLANTS



(57) Abstract: In anchoring of an implant (5, 31) and installation on the implant or implants of a dental structure (37, 50), the respective implant is designed to be recessed in a hole by means of a tightening tool. The latter has first members which can cooperate with corresponding second members on the implant. During the anchoring of the respective implant, a sleeve (14) provided with one or more actuating members (15) is designed to be engageable with slight clearance in relation to the upper parts of the implant. The tightening tool is designed to be applied so as to cooperate with the implant via the sleeve and, after completed anchoring of the implant and removal of the tightening tool, the sleeve can be removed with the actuating member or actuating members in order to make room for application of members included in the installation. The invention also proposes a system for permitting the anchoring and the installation. In this way, perfect anchoring and installation of the implants is ensured.

WO 2005/055857 A1



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*